

CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Audit Information:

Utility: **Sacramento Suburban Water District** PWS ID: **3410001**
System Type: **Potable** Audit Period: **Calendar 2016**
Utility Representation: **Greg Bundesen**
Validation Date: **5/25/2017** Call Time: **9am** Sufficient Supporting Documents Provided: **Yes**

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: **64** Data Validity Band (Level): **Band III (51-70)**
ILI: **2.49** Real Loss: **34.14 (gal/conn/day)** Apparent Loss: **14.32 (gal/conn/day)**
Non-revenue water as percent of cost of operating system: **2.5%**

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: **Lucy Andrews / Carolyn Prescott (support)** Validator Qualifications: **Contractor for CA-NV AWWA Water Loss TAP**

Validator Provided

CA-NV AWWA Water Loss Technical Assistance Program
Wave 4 Water Audit Level 1 Validation Document

Water System Name: Sacramento Suburban Water District

Water System ID Number: CA3410001

Water Audit Period: Calendar 2016

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Installed new MAG production meters on all active wells to improve accuracy of Volume from Own Sources (VOS)
- Initiated well efficiency testing for all active wells improving the District's VOS master meter adjustment error.
- Retrofitted 2,313 non-metered accounts to AMI meters to improve Billed Unmetered data.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 16608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Robert Roscoe

Print Name

General Manager

Title

[Signature]

Signature

FOR RSR

9/29/17

Date

Utility Provided